# CCTV Wholesales

June-July 2013

## TRADE PRICE LIST

| £21.27 | EYE-130NE-WH/GRA | | |
|---|---|---|---|
| | £23.17 | £24 | £24.28 |
| Gold | Silver | Bronze | Copper |

650 TV lines CCD , 3.6mm lens, 20M IR, IP65 rated

650 TV lines Ni CCD ,Nextchip 2040e DSP
2.8~12mm vari~focal lens, 30M IR, IP65 rated

| £35 | CAMIR-130NE-GRA | | |
|---|---|---|---|
| | £38.14 | £39.50 | £46.08 |
| Gold | Silver | Bronze | Copper |

700 TV lines SONY CCD ,effio-e DSP 2.8~12mm vari~focal lens, 50M IR, IP65 rated

| £49 | CAMIR-50EF-GRA | | |
|---|---|---|---|
| | £53.39 | £55.30 | £64.52 |
| Gold | Silver | Bronze | Copper |

700 TV lines SONY CCD ,effio-e DSP
2.8~12mm vari~focal lens, 30M IR, IP65 rated

| £34 | EYE-165EF-WH/GRA | | |
|---|---|---|---|
| | £37.05 | £38.37 | £44.77 |
| Gold | Silver | Bronze | Copper |

650 TV lines Ni CCD ,Nextchip 2040e DSP
2.8~12mm vari~focal lens, 30M IR, IP65 rated

| £30.13 | EYE-160NE-WH/GRA | | |
|---|---|---|---|
| | £32.87 | £34 | 67 |
| Gold | Silver | Bronze | Copper |

| £354 | DVR-0804HF-S | | |
|---|---|---|---|
| | £385.74 | £399.51 | £466.10 |
| Gold | Silver | Bronze | Copper |

**01234 854238**

web:http://www.cctvwholesales.co.uk

email:info@cctvwholesales.co.uk

Unit 22 Singer Way, Woburn Road Ind. Estate Kempston,Bedford MK42 7AE

# Order by 4PM for next working day delivery!

**Delivery charges**

**UK Mainland** -Standard next day ( Mon – Friday)
Orders under £450, £9.00 for the first 10 Kilo and 0.35p per Kilo thereafter.
Orders over £450, F.O.C ,

**Economy Deliver** for non urgent orders delivery charges start from £6 ( 2-3 days delivery)
**Northern Ireland** - Sorry - we do not deliver to N Ireland.
**Before 10AM next day** ( Excludes bank holidays & weekends ) £20 for the 1st 20 Kilo and 0.35p per Kilo thereafter.

**Before 12 next day** ( Excludes bank holidays & weekends) £15 for the 1st 20 Kilo and 0.35p per Kilo thereafter.

**Saturday AM delivery**
£35 for the 1st 20 Kilo and 0.75p per kilo thereafter.

**Loyalty Club**
Customer who buy from us on a regular basis will automatically be offered a discount, This is called the loyalty club price list.

WEB SITE LOGIN -
Each user will need to register online in order to view prices & download product manuals. Web address is http://www.cctvwholesales.co.uk

**Warranty & Returns** Unless stated, all our products carry a two year warranty . Please complete returns form on our web site for any repairs/refund requests. We can not accept any returns without this form. One year advance products replacement is available for regular account holding customers. Terms & conditions apply, please see web site for more details.

Prices and specifications correct at time of going to press and may change without prior notice.

## All prices exclude VAT @ 20%C

CCTV Wholesales is a trading name of Security Enterprises (UK) ltd. Registration number 6512436

**Our opening** times are 8:45 to 5:30 PM Monday to Thursday & 8:45 to 5PM Friday, You can call us on 01234 854238

**CREDIT TERMS.**
Credit terms availiable, please download application form from our website.

**PRODUCT DATA SHEETS**
You can download Product data sheets and user manuals from our web site - http://www.cctvwholesales.co.uk

**QUOTES**
Please use the web site to compile any prices quotations you may require by adding items to shopping basket and printing off the final page. For large bulk purchases ( same item) please email info@cctvwholesales.co.uk or call 01234 854238 for a quote.

**PRICES & SPECIFICATIONS.**
We will endeavour to keep you informed of any price or specifications changes however we advise you check our web site for up to date information.

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# HD-SDi

price excludes hard drive see P11

| £390 | TVT-TD2704XE-P | | |
|---|---|---|---|
| | £424.83 | £440 | £513 |
| Gold | Silver | Bronze | Copper |

Manufactured by TVT Technology Real-time high definition 1080P ,4 channel Dual Stream DVR with HDMI, Audio, VGA, Internet, mobile phone viewing, mouse and infra red remote control as standard. H.264 format: Compared with other video compression format, the recording bit rate is lower; the recorded picture quality is higher.

High definition live and recorded images compared to The pecan range of DVR's. easy to use user interface and single button quick playback of all cameras of the last five minutes.

Optional 20M IR extender cable

**DVR-TD2704XE-P**

- 4CH 1080P SDI video input
- 4CH 1080P realtime display & record
- True color GUI, windows style, easy to use
- Multi-mode recording: manual, continuous, motion, sensor
- Playback: 4CH simultaneously playback, frame by frame
- Smart search: timer/motion/sensor, single or multi-channel search
- Backup: USB, , IE, CMS; suppot multi-file, file cutting when backup
- Pentaplex: live, record, playback, backup and remote operation
- Network protocol: DHCP, DDNS, PPPoE
- IE/CMS: Dual stream, full function; multi-user online
- Professional Log, professional authority
- Compatible with HDMI 1920*1080 output
- Easy PTZ: control by mouse
- Cell phone: iPhone, iPad, Android,, Windows CE/Mobile
- Complete SDK function, easy to integrate with other applications
- Alarm inputs and outputs

# HD-SDi

Full HD 1080

Engineer test socket & OSD control.

| £122 | HCAMIR-OVD220 | | |
|---|---|---|---|
| | £132.94 | £137.69 | £160.63 |
| Gold | Silver | Bronze | Copper |

HD-SDI CCTV systems display and records images at 1080P Full HD resolution. The systems use standard RG59 coaxial cable and standard CCTV power supplies, making them as simple to install, commission and use as a Standard CCTV system.

Zero configuration means no complex network knowledge required and images appears on screen in less than 1 second of power up

Because images are sent uncompressed to the DVR, there is no latency caused by the camera. With prices of HD-SDI CCTV systems being similar with high end Standard CCTV systems, there has never been a better time to switch to HD CCTV.

Compatibility guaranteed , any DVR carrying the SDi logo is compatible with our HD-SDi cameras.

**HCAMIR-OVD220**

- True 1080P High Definition SDi camera
- 1/3 ins, 2.2 Mega pixel CMOS progressive scan
- 2 Mega pixel 2.8~12mm lens
- Realtime 25 fps @1080P
- Super wide dynamic range
- 3 D digtal noise reduction
- Moving IR cut filter
- On screen display and engineer test socket
- 40M IR range
- External focus and zoom control
- 12 Volts DC operation

| £102 | HDOM-AIR30 | | |
|---|---|---|---|
| | £111.14 | £115.11 | £134.30 |
| Gold | Silver | Bronze | Copper |

**HDOM-AIR30**

- True 1080P High Definition SDi camera
- 1/3 ins, 2.2 Mega pixel CMOS progressive scan
- 2 Mega pixel 2.8~12mm lens
- Realtime 25 fps @1080P
- Super wide dynamic range
- 3 D digital noise reduction
- Moving IR cut filter
- On screen display and engineer test socket
- 25M IR range
- vandal resistant
- 3 axis gimbal
- 12 Volts DC operation
- **Optional wall bracket**

# HD-SDi

## Availiable July 2013

| £122 | HEYE-161SON-WH | | |
|---|---|---|---|
| | £132.94 | £137.69 | £160.63 |
| Gold | Silver | Bronze | Copper |

## Features

- True 1080P High Definition SDi camera
- 1/2 ins, 2 Mega pixel SONY CMOS progressive scan
- 2 Mega pixel 3.3~12mm lens
- Real-time 25 fps @1080P
- Super wide dynamic range
- 3 D digital noise reduction
- Moving IR cut filter
- On screen display and engineer test socket
- 30M IR range
- External focus and zoom control
- IP65 rated
- 12v/24VAC/DC operation

Full HD 1080

**HEYE-161SON-WH**

HD-SDI CCTV systems display and records images at 1080P Full HD resolution. The systems use standard RG59 coaxial cable and standard CCTV power supplies, making them as simple to install, commission and use as a Standard CCTV system.

Zero configuration means no complex network knowledge required and images appears on screen in less than 1 second of power up

Because images are sent uncompressed to the DVR, there is no latency caused by the camera. With prices of HD-SDI CCTV systems being similar with high end Standard CCTV systems, there has never been a better time to switch to HD CCTV.

Compatibility guaranteed , any DVR carrying the SDi logo is compatible with our HD-SDi cameras.

# DVR'S

price excludes hard drive see P17

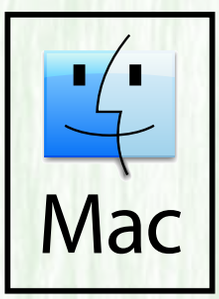
| £89 | TVT-TD2304SS-B | | |
|---|---|---|---|
| | £96.98 | £100.44 | £117.18 |
| Gold | Silver | Bronze | Copper |

- 4CH D1 Realtime H.264 Pentaplex DVR
- Pentaplex mode
- 4CH D1 simultaneously playback with 2CH audio
- HDMI output resolution of 1920 x 1080P
- Max. Resolution of VGA output is 1280*1024.
- Support 1 BNC main out
- Various recording modes: schedule, manual, motion
- Various searching modes
- Strong log, privacy mask and watermark function
- Powerful remote surveillance, playback, recording,
- control, menu setup, recording backup
- Perfect support of IPhone, IPad, Android &
- Windows mobile
- Support PTZ control with preset, cruise and track scans
- Support 1 x SATA HDD, USB Backup
- 2 ch audio input
- Power DC12V
- Selectable recording quality - D1. HD1 or CIF
- UPNP/DDNS - no port forwaring or static IP
- 300 X 270 X 58MM case

4CH D1 H.264 Pentaplex DVR, 4CH D1 Realtime Playback, 2CH audio input, HDMI (1080P), 1280*1024 VGA Output, 1 x SATA HDD, Mobile Phone Surveillance, Compact Chassis, IR Extender (IR Extender cable not included).

Playback archive software automatically written to USB and no other program required to unzip or install.

Optional 20M IR extender cable



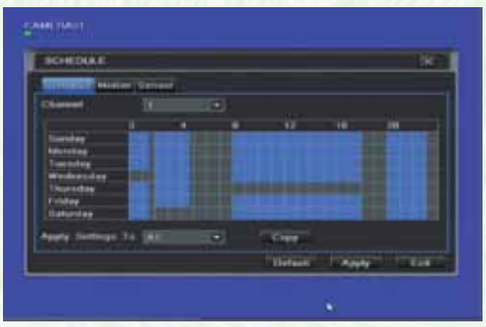
# TVT DVR Features

## Features

### Live

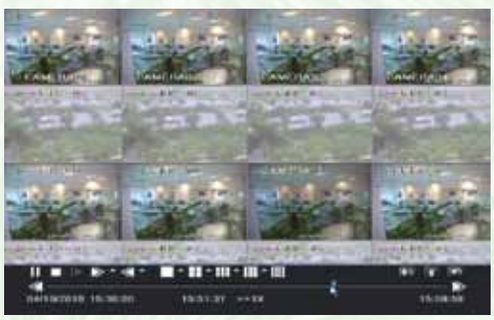
1. Embedded HDMI & VGA output, crystal clear picture .
2. Channel name editable
3. DVR running status: Green light-manual record; Blue light-schedule record;
Yellow light- Motion record; Red light-alarm record
4. PTZ control by mouse, can link alarm inputs to PTZ presets/cruise.

### Record



1. Embedded VGA output, crystal clear picture .
2. Channel name editable
3. DVR running status: Green light-manual record; Blue light-schedule record;
Yellow light- Motion record; Red light-alarm record
4. PTZ control by mouse, can link alarm inputs to PTZ presets/cruise

### Playback



1. Search by time/events with calendar display showing dates with recording
2. Multi channel playback , new high speed engine with smooth playback
CIF resolution record : 2404/4CH, 2408/8CH, 2416/8CH * 2
D1 resolution record : 6pfs per channel, every channel
3. On-screen mouse control fast forward/backward, media scroll bar & frame by frame playback

# Features

## Remote

Remote Live

Remote backup

Remote Playback

Remote Backup

1. Remote view using internet explorer or use central management software.
2. Remote live view,, control PTZ & still image grab.
3. Remote DVR menu config (full), Dual Stream separate processor allows independent configuration.
4. Remote playback
5. Remote recording backup to hard disk or USB on remote PC

- Free smartphone app ( superlive pro) & CMS software.
- Free remote support to help with configration issues.
- UPNP - No port forwarding for routers that support UPNP
- DDNS support - no fixed IP address required.

# DVR'S

Price excludes hard drive see P17

| £115 | TVT-TD2308SS-B | | |
|---|---|---|---|
| | £125.31 | £129.79 | £151.42 |
| Gold | Silver | Bronze | Copper |

- 8CH Realtime H.264 Pentaplex DVR
- Pentaplex mode
- Recording rates: 15 fps @ D1 , 25fps at HD1/CIF
- 8CH simultaneously playback with 2CH audio
- HDMI output resolution of 1920 x 1080P
- Max. Resolution of VGA output is 1280*1024.
- Support 1 BNC main out
- Various recording modes: schedule, manual, motion
- Various searching modes
- Strong log, privacy mask and watermark function
- Powerful remote surveillance, playback, recording,
- control, menu setup, recording backup
- Perfect support of IPhone, IPad, Android &
- Windows mobile
- Support PTZ control with preset, cruise and track scans
- Support 1 x SATA HDD, USB Backup
- 2 ch audio input
- Power DC12V
- Selectable recording quality - D1. HD1 or CIF
- UPNP/DDNS - no port forwaring or static IP
- 300 X 270 X 58MM case

TVT-TD2308SS-B
8CH D1 H.264 Pentaplex DVR, 4CH D1 Realtime Playback, 2CH audio input, HDMI (1080P), 1280*1024 VGA Output, 1 x SATA HDD, Mobile Phone Surveillance, Compact Chassis, IR Extender (IR Extender cable not included).

Playback archive software automatically written to USB and no other program required to unzip or install.

Optional 20M IR extender cable

# DVR'S

Price excludes hard drive see P17

| £179 | TVT-TD2308ME-A | | |
|---|---|---|---|
| | £195.05 | £202.01 | £235.68 |
| Gold | Silver | Bronze | Copper |

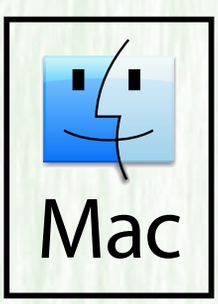
| £219 | TVT-TD2316ME-A | | |
|---|---|---|---|
| | £238.63 | £247.16 | £288.35 |
| Gold | Silver | Bronze | Copper |

- 8/16CH Realtime H.264 Pentaplex DVR
- Pentaplex mode
- Rec rates: 16CH 8 fps@D1 , 17fps@HD1 & 25fps @CIF
- 8/16CH simultaneously playback with 4CH audio
- HDMI output resolution of 1920 x 1080P
- Max. Resolution of VGA output is 1280*1024.
- Support 1 BNC main out & spot
- Various recording modes: schedule, manual, motion
- Various searching modes
- Strong log, privacy mask and watermark function
- Powerful remote surveillance, playback, recording,
- control, menu setup, recording backup
- Perfect support of IPhone, IPad, Android &
- Windows mobile
- Support PTZ control with preset, cruise and track scans
- Support 2 x SATA HDD, USB Backup
- Alarm inputs & outputs
- 4 ch audio inputs
- Power DC12V
- Selectable recording quality - D1. HD1 or CIF
- UPNP/DDNS - no port forwaring or static IP
- 430 x 330 x 55mm 1U case

**TVT-TD2308ME-A & TVT-TD2316ME-A**
8/16CH D1 H.264 Pentaplex DVR, 8/16CH Playback, 4CH audio input, HDMI (1080P), 1280*1024 VGA Output, 2 x SATA HDD, Mobile Phone Surveillance, Compact Chassis, IR Extender (IR Extender cable not included).

Playback archive software automatically written to USB and no other program required to unzip or install.

Optional 20M IR extender cable



# DVR'S

price excludes hard drive see P17

| £225 | TVT-TD2508HE-B | | |
|---|---|---|---|
| | £245.17 | £253.93 | £296.25 |
| Gold | Silver | Bronze | Copper |

| £305 | TVT-TD2516HE-B | | |
|---|---|---|---|
| | £332.34 | £344.21 | £401.58 |
| Gold | Silver | Bronze | Copper |

- 8/16CH Realtime H.264 Pentaplex DVR
- Pentaplex mode
- Rec rates: 16CH 8 fps@D1 , 17fps@HD1 & 25fps @CIF
- 8/16CH simultaneously playback with 4CH audio
- HDMI output resolution of 1920 x 1080P
- Max. Resolution of VGA output is 1280*1024.
- Support 1 BNC main out & spot
- Various recording modes: schedule, manual, motion
- Various searching modes
- Strong log, privacy mask and watermark function
- Powerful remote surveillance, playback, recording,
- control, menu setup, recording backup
- Perfect support of IPhone, IPad, Android &
- Windows mobile
- Support PTZ control with preset, cruise and track scans
- Support 2 x SATA HDD, USB & DVD Backup
- 4 ch audio inputs
- Alarm inputs & outputs
- Power DC12V
- Selectable recording quality - D1. HD1 or CIF
- UPNP/DDNS - no port forwaring or static IP
- 430 x 300 x 55mm 1U case

**TVT-TD2308HE-B & TVT-TD2316HE-B**
8/16CH D1 H.264 Pentaplex DVR, 8/16CH Playback, 4CH audio input, HDMI (1080P), 1280*1024 VGA Output, 2 x SATA HDD, Mobile Phone Surveillance, Compact Chassis, IR Extender (IR Extender cable not included).

Playback archive software automatically written to USB and no other program required to unzip or install.
Internal DVD writer optional.

Optional 20M IR extender cable

Optional internal DVDwriter

# DVR'S

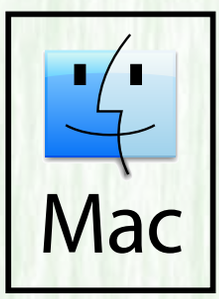
price excludes hard drive see P17

| £530 | TVT-TD2516HD-C | | |
|---|---|---|---|
| | £577.52 | £598.14 | £697.83 |
| Gold | Silver | Bronze | Copper |

- 16CH WD1( Effio) Real-time H.264 Pentaplex Network DVR
- Pentaplex mode: recording, playback, setup, backup, network and mobile phone surveillance simultaneously
- 16CH WD1 simultaneously playback with 4CH audio
- HDMI output is 1920x1080
- Max. resolution of VGA output is 1280x1024
- Support 1 main out and 1 spot BNC output
- Various recording modes: schedule, manual, motion, sensor
- Various searching modes: time, event (motion detection), recording file list, image
- Strong log, privacy mask and watermark function
- Powerful remote surveillance, playback, recording, control, menu setup, recording backup
- Perfect support of IPhone, IPad, Android
- Support PTZ control with preset, cruise and track scans
- Flexible display mode: Auto Switch, Full Screen, Quad/9/16
- Support 4 x SATA HDD
- DVD & USB Backup
- Power 240Volts AC
- Standard 1U case
- DVD writer
- Jog and shuttle for easy video navigation
- Camera video loop outs
- UPNP/DDNS - no port forwarding or staic IP
- 430 x 450 x 50mm 2 U case

TD2516HD-C by TVT Tech is a premier 16 CH real-time 960H high resolution DVR, which adopt standard H.264 High profile compression format and industry's advanced SOC techniques to ensure real-time 960H recording in each channel. Support 16 CH video input, 16 CH audio input, feature simultaneous 16 CH playback, and HDMI 1080P high resolution display with standard 2U case with DVD writer.

Playback archive software automatically written to USB/DVD and no other program required to unzip or install.



# DVR'S

| £354 | DVR-0804HF-S | | |
|---|---|---|---|
| | £385.74 | £399.51 | £466.10 |
| Gold | Silver | Bronze | Copper |

price excludes hard drive see P17

| £490 | DVR-1604HF-S | | |
|---|---|---|---|
| | £533.93 | £555 | £645.17 |
| Gold | Silver | Bronze | Copper |

| £665 | DVR-3204HF-S | | |
|---|---|---|---|
| | £724.62 | £750.50 | £875.58 |
| Gold | Silver | Bronze | Copper |

- Real-time D1 recording on all cameras
- Available in 8/16 & 32 camera inputs
- Matrix spot monitor( quad) output
- High definition 1080P HDMI display
- E-SATA allows 4 additional hard drives
- Video loop outs
- Dual core processor
- DVD writer as standard
- 8/16/32 camera simultaneous playback
- Smart video detection & camera setting
- HDMI,VGA & BNC monitor supported
- 8/16 audio recording
- Two way audio over network or internet
- Alarm inputs and outputs
- Free central Site management software
- supports 6 Hard drives internal & 4 ext
- Built-in server, multi dvr client
- Smart Dahua PTZ control
- Includes mouse, IR remote , HDMI cable
- PTZ contol and optional keyboard
- Email function
- FTP upload
- UPNP/DDNS - no port forwaring or static IP

Manufactured by Dahua one of the worlds largest video chip manufacturer with an extensive range of analogue , high definition SDI & IP cameras and video recorders. This allows easy migration between different formats as the user interface is very similar through out the range.

# DVR'S

Price excludes hard drive see P17

| £41 | DVR-PECAN4 | | |
|---|---|---|---|
| | £44.68 | £46.27 | £53.98 |
| Gold | Silver | Bronze | Copper |

4 Channel realtime D1 DVR with network & mobile phone viewing .Real-time D1 recording at 25FPS. Supplied with 500G hard drive, other options available.

Free mobile device app , just download VMEYEPLUS from app store. Suitable for small to medium sized domestic premises.

- 4 channel simultaneous playback
- DDNS support - no need for fixed IP
- Realtime D1 & CIF recording at 25FPs per camera.
- Motion detections and hidden camera.
- VGA, BNC monitor supported.
- 4 channel audio recording.
- Free central management software.
- Supports 1 SATA HDD, 2 USB2
- Built in server, multi DVR client
- Includes IR remote & mouse.
- PTZ control
- email & FTP upload
- Free mobile phone viewer app - VMEYEPlus.
- Mouse & IR remote included

| £176.33 | DVR-PECAN-KIT4NE-GRA | | |
|---|---|---|---|
| | £192.14 | £199 | £232.17 |
| Gold | Silver | Bronze | Copper |

**DVR-PECAN-KIT4NE-GRA** 4CH + 500G

Complete kit including 20 meters readymade cables, Pecan 4 DVR with 500G hard drive, EYE-130NE GRAY 650 TV lines day/night IR cameras for inside or outside use, 2Amp power supply & 4 way power adaptor. Just plug together and its ready to record.

# DVR'S

(Without HDMI )

| £65 | DVR-LXZEUS16-BB | | |
|---|---|---|---|
| | £70.83 | £73.36 | £85.58 |
| Gold | Silver | Bronze | Copper |

(With HDMI ) Price excludes hard drive seeP17

| £90 | DVR-LXZEUSDH16-BB | | |
|---|---|---|---|
| | £98.07 | £101.57 | £118.50 |
| Gold | Silver | Bronze | Copper |

- 16 ch recording
- 16 channel simultaneous playback On HDMI versi
- HDMI output (optional)
- Alarm in/outs
- DDNS support - no need for fixed IP
- Realtime CIF & D1 @6fps record per camera.
- Motion detections and hidden camera.
- VGA, BNC monitor supported.
- 1 channel audio recording.
- Free central management software.
- Supports 1 SATA HDD, 2 USB2
- Includes IR remote & mouse.
- Free mobile phone viewer app - VMEYEPlus.
- Mouse & IR remote included

8/16 Channel realtimeCIF & D1@6pfs per camera DVR with network & mobile phone viewing .
Free mobile device app , just download VMEYEPLUS from app store. Suitable for small to medium sized domestic premises.

| £219 | DVR-IXZUS-KITNI-GRA | | |
|---|---|---|---|
| | £238.63 | £247.16 | £288.35 |
| Gold | Silver | Bronze | Copper |

**DVR-lXZUS-KIT8NI-GRA**
Complete kit including 4 x 20 metres of readymade cables, LXZUS 8 DVR with 500G hard drive, 4 x EYE-130NE-GRA 650 TV lines day/night IR cameras for inside or outside use, 5Amp power supply & 8 way power adaptor. Just plug together and its ready to record.

Hard drives for use in all DVRs with SATA interface. Will be installed in DVR if purchased at same time. Most recorder can take more than one drive, please check specifications or website.

| £39 | HD-SATA500 | | |
|---|---|---|---|
| | £42.50 | £44.01 | £51.35 |
| Gold | Silver | Bronze | Copper |

| £66 | HD-SATA1TB | | |
|---|---|---|---|
| | £71.92 | £74.49 | £86.90 |
| Gold | Silver | Bronze | Copper |

| £83 | HD-SATA2TB | | |
|---|---|---|---|
| | £90.44 | £93.67 | £109.28 |
| Gold | Silver | Bronze | Copper |

DynDNS

1 year dynamic DNS forwarding
No need for static IP address, just purchase a DDNS with your DVR and we will setup a service for you. Installer to call CCTV wholesales on day of install for us to program your DVR remotely. Depending on time of order, DVR may be supplied with DNS pre-configured. DNS will expire after 1 year after purchase – no expiry reminder given.

| £13.29 | SPEC-DYNDNS | | |
|---|---|---|---|
| | £14.48 | £15 | £17.50 |
| Gold | Silver | Bronze | Copper |

**Free remote viewing setup.**
We can setup your DVR for remote internet access free of charge provide you go through the check list first which can be downloaded from our website. Please ensure you have your own laptop running win 7 and treamviewer installed before calling.

# Dome camera's

| £95 | DOM-158EFPro-WH | | |
|---|---|---|---|
| | 103.52 | 107.52 | £128.33 |
| Gold | Silver | Bronze | Copper |

- 700 TVL 1/3" Sony Ex-View II CCD ( 960H)
- 976 x 582 effective pixels CCD
- colour/mono operation
- High impact resistant
- 2.8-11mm 2 Meg varifocal Auto iris lens
- Sony Effio-P DSP
- **0.03lux colour, 0.00009 Lux B/W**
- True Wide Dynamic range
- 3 D Digital Noise Reduction
- On Screen Display
- Engineers test socket.
- Aluminium external housing
- Colour: White
- IP65 Weather proof housing
- IP 66 electrronics area
- 4-Axis gimbal
- Right angle to wall view
- Power input: 12v DC @70/230mA
- Size:

| £18 | DOM-158BKT-WH1 | | |
|---|---|---|---|
| | £19.61 | £20.31 | £23.70 |
| Gold | Silver | Bronze | Copper |

**1/3" EFFIO P vandal dome, 2.8-12mm lens 700 TVL**

Colour/mono SONY SUPER HAD 1/3 ins CCD high resolution vandal dome with IR LEDs and 2 mega pixel 2.8~11mm Korean lens. Suitable for ex-trme low light use inside o outside.

Sony Effio-P DSP delivering 650 TV lines in colour & up to 700 TV lines in BW. Finished in off white colour.Unique design allows IR's and angle of view to be adjusted to track parallel to wall without ob-structing any LED's.

Super wide dynamic range & 3D digital noise reduc-tions to deliver noise free images even in near total darkness.

The camera is mounted in a robust aluminum hous-ing which incorporates a 3 axis gimbal allowing the camera to be adjusted to any angle. This allows the camera to be wall or ceiling mounted.P65 rated & suitable for inside or outside use.

# Dome camera's

| £58 | DOM-158EF-WH | | |
|---|---|---|---|
| | **£63.20** | **£65.46** | **£76.37** |
| Gold | Silver | Bronze | Copper |

- 700 TVL 1/3" Sony Ex-View II CCD ( 960H)
- 976 x 582 effective pixels CCD
- Day/Night operation
- High impact resistant
- 2.8-11mm 2 Mega pixel Korean varifocal lens
- 30 Metre IR range
- Sony Effio-E DSP
- 0.5lux clolur, 0.01 lux B/W
- 0 Lux with IR LED
- Digital Wide Dynamic
- 2 D Digital Noise Reduction
- On Screen Display
- Engineers test socket.
- Aluminium external housing
- Colour: White
- IP65 Weather proof housing
- IP 66 electrronics area
- 4-Axis gimbal
- Right angle to wall view
- Power input: 12v DC @70/230mA
- Size:

| £18 | DOM-158BKT-WH1 | | |
|---|---|---|---|
| | £19.61 | £20.31 | £23.70 |
| Gold | Silver | Bronze | Copper |

**1/3" EFFIO vandal dome, 2.8-12mm IR lens 650TVL 30M IR**

Day/night SONY SUPER HAD 1/3 ins CCD high resolution vandal dome with IR LEDs and 2 mega pixel 2.8~11mm Korean lens.

Sony Effio-E DSP delivering 650 TV lines in colour & up to 700 TV lines in BW. Finished in off white colour.Unique design allows IR's and angle of view to be adjusted to track parallel to wall without obstructing any LED's.

Digital wide dynamic & 2D digital noise reductions to deliver noise free images even in total darkness.

Built in 5mm, 30 LED's allow the camera to be used in total darkness up to a maximum range of 30 metres.

The camera is mounted in a robust aluminum housing which incorporates a 3 axis gimbal allowing the camera to be adjusted to any angle. This allows the camera to be wall or ceiling mounted.P65 rated & suitable for inside or outside use.

# Dome camera's

## Features

- 700 TVL 1/3" Sony Ex-View II CCD ( 960H)
- Sony Effio-P Digital Signal Processing ( DSP)
- True Day/night with IR CUT filter
- 2.8-11mm varifocal 2MEG Korean auto iris lens
- True wide dynamic range
- 30 metre IR range
- **0.03lux colour, 0.00009 Lux B/W**
- 0 Lux with 30 IR LED
- On screen display (OSD)
- True wide dynamic range ( WDR)
- 4 masking zones
- Aluminium external housing
- IP65 weather proof housing
- 3 axis rotation
- Power input 12v DC 140/280mA
- Dual glass technology
- BNC & DC jack connectors
- DC jack to terminal adapter
- Size 120 x 100

| £87 | EYE-4EFPro-WH/GRA | | |
|---|---|---|---|
| | **£94.80** | **98.19** | **£114.55** |
| Gold | Silver | Bronze | Copper |

**Effio-P 700TVL, with AI lens 2.8-11mm & IR cut.**

True day/night SONY EX-VIEW II 1/3 ins CCD ( 960H) high resolution vandal dome with IR LEDs and 2.8~11mm lens. New Sony Effio-P DSP delivering 650 TV lines in colour & 700 in black/white, finished in graphite gray. High grade Korean made auto iris lens eliminates colour roll in difficult lighting conditions. Moving IR cut filter eliminates focus shift when IR lights come on.

Optional cable managed hinge back box for all EYE-4XX cameras. Fast and easy allowing one man install setup. ample space inside of box to allow video baluns & power supply.

| £17 | EYE-4BOX-WH/GRA | | |
|---|---|---|---|
| | **£18.52** | **19.19** | **£22.38** |
| Gold | Silver | Bronze | Copper |

# Dome camera's

## Features

- 700 TVL 1/3" Sony Ex-View II CCD ( 960H)
- Day/Night operation
- 2.8-10mm varifocal lens
- 30 Metre IR range
- Sony Effio-E DSP
- 0.5lux clolur, 0.01 lux B/W
- Digital Wide Dynamic
- 2 D Digital Noise Reduction
- On Screen Display
- Aluminium external housing
- Colour: White/graphite gray
- IP65 Weather proof housing
- 3-Axis rotation
- Power input: 12v DC 90/270mA
- Dual glass technology
- Size: Ø 120 x 95mm

| £34 | EYE-165EF-WH/GRA | | |
|---|---|---|---|
| | £37.05 | £38.37 | £44.77 |
| Gold | Silver | Bronze | Copper |

**1/3" CCD Sony EX-VIEW , WHITE Eyeball, 2.8~11 lens, ,700TVL, 30M IR LED**

Day/night Sony Ex-View II CCD ( 960H) high resolution vandal dome with 30 Metres IR LEDs and 2.8~11mm lens.

Sony Effio-E DSP delivering 700 TV lines in colour in choice of two finished colours.

Digital wide dynamic & 2D digital noise reductions to deliver noise free images even in total darkness.

Built in 36 , 5mm LED's allow the camera to be used in total darkness up to a maximum range of 30 metres.

The camera is mounted in a robust aluminium housing which incorporates a 3 axis gimbal allowing the camera to be adjusted to any angle. This allows the unit to be wall or ceiling mounted.

Dual glass technology completely eliminates IR LED fogging . P65 rated & suitable for inside or outside use.Focus and zoom can easily be adjusted without opening the casing.

Optional cable managed back box for all EYE-165xx cameras. .

| £8 | EYE-165BASE-WH/GRA | | |
|---|---|---|---|
| | £10 | 9.66 | £8.86 |
| Gold | Silver | Bronze | Copper |

# Dome camera's

| £21.27 | EYE-130NE-WH/GRA | | |
|---|---|---|---|
| | £23.17 | £24 | £24.28 |
| Gold | Silver | Bronze | Copper |

| £30.13 | EYE-160NE-WH/GRA | | |
|---|---|---|---|
| | £32.87 | £34 | 67 |
| Gold | Silver | Bronze | Copper |

NEXTCHIP 2040E ( Enhanced) DSP with 1/3ins CCD delivering up to 650 TV lines in colour. Digital wide dynamic & 2D digital noise reductions to deliver noise free images even in total darkness. Built in 5mm, 24 LED's allow the camera to be used in total darkness up to a maximum range of 20 /30 metres.

The camera is mounted in a robust aluminium housing which incorporates a 3 axis gimbal allowing the camera to be adjusted to any angle. This allows the unit to be wall or ceiling mounted. Dual glass technology completely eliminates IR LED fogging. IP65 rated & suitable for inside or outside use.

## Features

- 650 TVL 1/3 ins CCD
- Effective pixels 752 x 582
- IR Smart
- Day/Night
- 3.6mm fixed Korean lens
- 20 Metre IR range
- NEXTCHIP 2040E DSP
- 0.01lux , 0 Lux with IR LED
- Digital Wide Dynamic
- 2 D Digital Noise Reduction
- On Screen Display
- Aluminium external housing
- Colour: Dark Gray
- IP65 Weather proof housing
- 3-Axis rotation
- Power input: 12v DC 270mA
- Dual glass technology
- Size: 94 x 80mm

## Features

- 650 TVL 1/3 ins CCD
- Effective pixels 752 x 582
- IR Smart
- Day/Night operation
- 2.8-12mm varifocal lens
- 30 Metre IR range
- NEXTCHIP 2040E DSP
- 0.5lux colour, 0.01 lux B/W
- Digital Wide Dynamic
- 2 D Digital Noise Reduction
- On Screen Display
- Aluminium external housing
- Colour: Dark Gray
- IP65 Weather proof housing
- 3-Axis rotation
- Power input: 12v DC 90/350mA
- Dual glass technology
- Size: Ø 120 x 95mm

# Dome camera's

| £37.22 | DOM-INT7EF-WH | | |
|---|---|---|---|
| | £40.55 | £42 | 49 |
| Gold | Silver | Bronze | Copper |

Test socket & OSD control

- 700 TVL 1/3" Sony Ex-View II CCD ( 960H)
- 976 x 582 effective pixels CCD
- colour/mono operation
- **2.8-11mm 2 Meg auto Iris varifocal lens**
- Sony Effio-E DSP
- 0.5lux clolur, 0.01 lux B/W
- Digital Wide Dynamic
- 2 D Digital Noise Reduction
- On Screen Display
- Colour: White
- 3-Axis gimbal
- Power input: 12v DC @70 mA
- Size:

**EFFIO-E CCTV dome camera , 2.8-12mm AI lens 700 TVL**

Colour/mono SONY SUPER HADII 1/3 ins CCD high resolution internal dome CCTv camera with 2 mega pixel 2.8~11mm AUTO IRIS Korean lens.

Sony Effio-E DSP delivering 650 TV lines in colour & up to 700 TV lines in BW. Finished in off white colour.

Digital wide dynamic & 2D digital noise reductions to deliver noise free images even in total darkness.

The camera is mounted in a quick fix plastic housing which incorporates a 3 axis gimbal allowing the camera to be adjusted to any angle. This allows the camera to be wall or ceiling mounted.

or less!

| £219 | CAMIR-660EFPro-12/24v | | |
|---|---|---|---|
| | £238.63 | £247.16 | £288.35 |
| Gold | Silver | Bronze | Copper |

**700 TVlines Effio-P with 60 metre IR 6~60 lens.**

## Features

- 700 TVL 1/3" Sony Ex-View II CCD ( 960H)
- Sony Effio-P Digital Signal Processing ( DSP)
- True colour or Day/night selectable
- 6~60mm varifocal 2MEG Korean auto iris lens
- True wide dynamic range
- 60 metre IR range
- On screen display (OSD)
- True wide dynamic range ( WDR)
- 4 masking zones
- Aluminium external housing
- IP65 weather proof housing
- 3 axis rotation
- Power input 12v DC or 24V AC optional
- Dual glass technology
- BNC & DC jack connectors
- DC jack to terminal adapter
- Size 120 x 100

Pre assembled long range IR camera with 60 metre IR and 6~60mm 2 mega pixel vari focal, auto iris, Korean CS lens.

True day/night SONY EX-VIEW II 1/3 ins CCD ( 960H) extreme high resolution box camera inside a heated water proof housing.

True Wide Dynamic & 3D digital noise reduction to deliver noise free images even in total darkness The Sony Effio-P DSP delivering 650 TV lines in colour & 700 in black/white, finished in off white powder coating.

Built in photocell turns on the infra red lights when light levels fall.

High grade Korean made auto iris lens eliminates colour roll in difficult lighting conditions. Moving IR cut filter eliminates focus shift when IR lights come on.

| £35 | HOU-KV12-24CMN | | |
|---|---|---|---|
| | £38.14 | £39.50 | £46.08 |
| Gold | Silver | Bronze | Copper |

12/24 volts fully cable managed housing
External high quality fully cable managed die cast aluminium heated camera housing. IP66 rated and dual voltage 12/24 volts operation.
Side opening for easy access. Supplied with fully cable managed wall bracket

# Bullet Cameras

| £97.47 | CAMIR-50EFPro-GRA | | |
|---|---|---|---|
| | £106.21 | £110 | £128.33 |
| Gold | Silver | Bronze | Copper |

| £110.76 | CAMIR-50EFPro922-GRA | | |
|---|---|---|---|
| | £120.69 | £125 | £145.83 |
| Gold | Silver | Bronze | Copper |

## Features

- 700 TVL 1/3" Sony Ex-View II CCD ( 960H)
- True Day/night with IR CUT filter
- 976 x 582 effective pixels
- 2.8-11mm varifocal 2MEG Korean auto iris lens
- True wide dynamic range
- 50 metres IR range
- **0.03lux colour, 0.00009 Lux B/W**
- 0 Lux with 30 IR LED
- On screen display (OSD)
- 4 masking zones
- Aluminium external housing
- IP65 weather proof housing
- 3 axis rotation
- Power input 12v DC 550mA
- Dual glass technology
- BNC & DC jack connectors
- DC jack to terminal adapter

| £18.61 | CAMIR-50BASE-GRA | | |
|---|---|---|---|
| | £20.28 | £21 | £24.50 |
| Gold | Silver | Bronze | Copper |

**Sony Effio-Pro DSP 700 TVL 2.8~11 mm 50 meters IR range**

True Day/night 700 TVL 1/3" Sony Ex-View II CCD ( 960H) high resolution al in one CCTv camera.

Vandal tesistant traditional style housing with 50 metre IR LEDs and 2.8~11mm 2 mega pixel high quality Korean lens . suitable for INTERNAL & EXTERNAL use.

Sony Effio-Pro digital Signal Processing delivering 650 TV lines resolution in colour and 700 in black/white.

True Wide Dynamic & 3D digital noise reduction to deliver noise free images even in total darkness.

Built in photocell turns on the infra red lights when light levels fall.

Built in 5mm,72 LED's allow the camera to be used in total darkness up to a maximum range of 50 metres. The camera is mounted in a robust aluminium housing and finished in graphite gray.

Dual glass technology completely eliminates IR LED "fogging" IP65 rated & suitable for inside or outside use. Focus and zoom can easily be adjusted without opening the casing.

External focus and zoom controls saves time and money on installation.

# Bullet Cameras

| £49 | CAMIR-50EF-GRA | | |
|---|---|---|---|
| | £53.39 | £55.30 | £64.52 |
| Gold | Silver | Bronze | Copper |

| £58 | CAMIR-50EF922-GRA | | |
|---|---|---|---|
| | £63.20 | £65.46 | £76.37 |
| Gold | Silver | Bronze | Copper |

## Features

- 700 TVL 1/3" Sony Ex-View II CCD ( 960H)
- Day night operation
- 976 x 582 effective pixels
- 2.8~11mm Korean vari-focal lens
- Sony Effio-E Digital Signal Processing
- 2D digital noise reduction
- 0.5lux clolur, 0.01 lux B/W
- 50 metres IR range
- Aluminium housing
- IP65 weather proof housing
- Power input:12 volts Dc at 500mA max.
- Dual glass technology
- On Screen display
- Easy focus and zoom controls

| £18.61 | CAMIR-50BASE-GRA | | |
|---|---|---|---|
| | £20.28 | £21 | £24.50 |
| Gold | Silver | Bronze | Copper |

**Sony Effio-E DSP 700 TVL 2.8~11 mm 50 Metres IR range ( 9~22mm optional )**

Day/night 700 TVL 1/3" Sony Ex-View II CCD ( 960H) high resolution al in one CCTv camera.

Sony Effio-E digital Signal Processing delivering 650 TV lines in clour and 700 in black/white.

Vandal tesistant traditional style housing with 50 metre IR LEDs and 2.8~11mm 2 mega pixel high quality Korean lens . suitable for INTERNAL & EXTERNAL use.

Digital Wide Dynamic & 2D digital noise reduction to deliver noise free images even in total darkness.

Built in photocell turns on the infra red lights when light levels fall.

built-in 72, 5mm infra-red Light emitting Diodes allow the camera to see in total darkness up to a maximum range of 50 metres.

The camera is mounted in a robust aluminium housing and finished in graphite gray.

Dual glass technology completely eliminates IR LED "fogging" IP65 rated & suitable for inside or outside use. Focus and zoom can easily be adjusted without opening the casing.

External focus and zoom controls saves time and money on installation.

# Bullet Cameras

| £24 | CAMIR-344N4-GRA | | |
|---|---|---|---|
| | £26.15 | £27.09 | £31.60 |
| Gold | Silver | Bronze | Copper |

NEXTCHIP 2040E ( Enhanced) DSP with 1/3 ins CCD delivering up to 650 TV lines in colour. Digital wide dynamic & 2D digital noise reductions to deliver noise free images even in total darkness. Built in 5mm, 24 LED's allow the camera to be used in total darkness up to a maximum range of 20 metres.

The camera is mounted in a robust aluminium housing allowing the camera to be adjusted to any angle. This allows the unit to be wall or ceiling mounted. Dual glass technology completely eliminates IR LED fogging. IP65 rated & suitable for inside or outside use.

## Features

- 650 TVL 1/3ins CCD
- Effective pixels 752 x 582
- IR Smart
- Day/Night
- 3.6mm fixed Korean lens
- 20 Metre IR range
- NEXTCHIP 2040E DSP
- 0.01lux , 0 Lux with IR LED
- Digital Wide Dynamic
- 2 D Digital Noise Reduction
- On Screen Display
- Aluminium external housing
- Colour: Dark Gray
- IP65 Weather proof housing
- Power input: 12v DC 270mA
- Dual glass technology
- Size: 175x69x55mm

| £35 | CAMIR-130NE-GRA | | |
|---|---|---|---|
| | £38.14 | £39.50 | £46.08 |
| Gold | Silver | Bronze | Copper |

NEXTCHIP 2040E ( Enhanced) DSP with SONY CCD delivering up to 650 TV lines in colour, 2.8~12 lens, 30M IR LED. Built in 36 , 5mm LED's allow the camera to be used in total darkness up to a maximum range of 30 metres.

The camera is mounted in a robust aluminium housing allowing the camera to be adjusted to any angle. This allows the unit to be wall mounted.

Dual glass technology completely eliminates IR LED fogging . P65 rated & suitable for inside or outside use. Focus and zoom can easily be adjusted without opening the casing.

## Features

- 650 TVL S1/3 ins CCD
- Effective pixels 752 x 582
- IR Smart
- Day/Night operation
- 2.8-12mm varifocal lens
- 40 Metre IR range
- NEXTCHIP 2040E DSP
- 0.5lux colour, 0.01 lux B/W
- Digital Wide Dynamic
- 2 D Digital Noise Reduction
- On Screen Display
- Aluminium external housing
- Colour: Dark Gray
- IP65 Weather proof housing
- 3-Axis rotation
- Power input: 12v DC 90/450mA
- Dual glass technology
- Size:200x171x83mm

# Box Cameras

| £46 | BOX-2EF | | |
|---|---|---|---|
| | £50.12 | £51.91 | £60.57 |
| Gold | Silver | Bronze | Copper |

## Features

- 700 TVL 1/3” Sony Ex-View II CCD ( 960H)
- 976 x 582 effictive pixels
- Day night operation
- Sony Effio-E Digital Signal Processing
- 0.5lux clolur, 0.01 lux B/W
- 2D digital noise reduction
- Power input:12/24 volts AC/DCDC
- On Screen display

**Box camera with effio-E chipset 700TVL and OSD**

Day/night SONY H960 1/3ins CCD high resolution "box/body" camera which can be used internally as supplied or externally when installed in housing such as HOU-K12-24CMAN.New Sony Effio-E DSP delivering 650 TV lines in colour & up to 700 TV lines in B&W. lens is optional extra.

Digital wide dynamic & 2D digital noise reductions to deliver noise free images even in total darkness.
On screen display allows camera options to be selected using the display - see page 27 for detail.

where ambient light levels are below 10 lux , infra-red lighting is recommend as listed within this catalogue. Lens is optional extra.

| £67 | BOX-2EFPro | | |
|---|---|---|---|
| | £73.01 | £75.61 | £88.22 |
| Gold | Silver | Bronze | Copper |

## Features

- 700 TVL 1/3” Sony Ex-View II CCD ( 960H)
- 976 x 582 effective pixels CCD
- True day/night operation ( IR cut)
- colour/mono operation
- Sony Effio-P DSP
- **0.03lux colour, 0.00009 Lux B/W**
- True Wide Dynamic range
- 3 D Digital Noise Reduction
- On Screen Display
- Power input: 12/24colts AC/DC

**Box camera with effio-P chipset - 700TVL , extreme low light day night**

True Day/night 700 TVL 1/3” Sony Ex-View II CCD ( 960H) high resolution in box/body type casing which can be used internally as supplied or externally when installed in housing such as HOU-K12-24CMAN

Sony Effio-Pro digital Signal Processing delivering 650 TV lines resolution in colour and 700 in black/white.

True Wide Dynamic & 3D digital noise reduction to deliver noise free images even in near total darkness.

True wide dynamic range delivery high contrast colours and preventing whitening of images when used with infra red lighting.

# PTZ Domes

Wall bracket is optional extra

| £169 | PTZ-MEF1-X650 | | |
|---|---|---|---|
| | £184.15 | £190.73 | £222.52 |
| Gold | Silver | Bronze | Copper |

700 TVL colour SONY Effio-e DSP, 10X optical zoom, f=4.9mm~49mm, OSD function, 128 preset positions, rotation speed up to 200°/s, white colour, die casting aluminium housing, DC12V. Wall bracket is optional extra.

| £226 | PTZ-213X10HF | | |
|---|---|---|---|
| | £246.26 | £255.06 | £297.57 |
| Gold | Silver | Bronze | Copper |

700 TVL colour SONY Effio-s DSP, 10X optical zoom, f=4.9mm~49mm, OSD function, 128 preset positions, rotation speed up to 200°/s, built-in surge and lightning strike protection, indoor/outdoor, white colour, die casting aluminium housing, DC12V, with heater and fan

## Available July 2013

- Outdoor High Speed Dome Camera
- 700 TVL colour
- SONY 1/3" 960H CCD
- 10X optical zoom
- f=4.9mm~49mm
- OSD function
- 128 preset positions
- 4 pattern scan
- 8 cruise scan
- 1 pan scan
- RS-485 communication
- Rotation range: 360° continuously (pan); 90° (tilt, 180° auto flip)
- Rotation speed 0.1°-200°/s (pan); 0.1°-100°/s (tilt)
- Die casting aluminium housing
- DC12V

- Outdoor High Speed Dome Camera
- 700 TVL colour
- SONY 1/3" 960H CCD
- 10X optical zoom
- f=4.9mm~49mm
- OSD function
- 128 preset positions
- 4 pattern scan
- 8 cruise scan
- 1 pan scan
- RS-485 communication
- Rotation range: 360° continuously (pan); 90° (tilt, 180° auto flip)
- Rotation speed 0.1°-200°/s (pan); 0.1°-100°/s (tilt)
- Built-in surge and lightning strike protection
- Die casting aluminium housing
- DC12V
- Heater and fan

# PTZ Domes

With alarm inputs

| £284 | PTZ-PRO0620 | | |
|---|---|---|---|
| | £309.46 | £320.51 | £373.93 |
| Gold | Silver | Bronze | Copper |

**PTZ-PRO620**
High resolution colour external high speed dome camera with a built in 27x optical zoom lens. and ALARM INPUTS.The pan, tilt and zoom functions can be controlled remotely either using a joystick controller or a Digital Video Recorder ( DVR). The camera uses RS485 PELCO-D / P to communicate.

There are four alarm inputs that can be linked to preset camera positions and 2 alarm outputs. The camera has many advanced features including low lux operation and a fully adjustable white balance function, these and other options are set-up in the on screen display.

- 4 alarm inputs & 2 outputs
- 650TVL Sony 1/4ins Exview HAD CCD
- Original SONY manufactured camera module
- Sony effio-e digital signal processing
- 976 x 582 effective pixels
- 0.5/0.01 lux minimum illumination
- 2d digital noise reduction
- Pan speed 0.5~240° per sec
- Tilt speed 0.5~220° per sec
- 200 Preset positions
- 4 Patrol
- On screen display (OSD)
- RS485 Pelco D/P plus others
- Aluminum external IP66 housing
- Built in heater and blower
- Power input:12VDC 1200mA (PSU included)
- Size: Ø 230 x 336mm

Available July 2013

| £71 | PTZ-KT301 | | |
|---|---|---|---|
| | £77.37 | £80.13 | £93.48 |
| Gold | Silver | Bronze | Copper |

**PTZ-KT301**
Mini Three dimensional keyboard.
Easily control your PTZ camera. This PTZ Controller has the features you need at an affordable price. It will work with most PTZ cameras . Joystick is touch sensitive and the further you move it, the faster the camera moves. The head also rotates for zoom control and gives an easy one handed operation

# Power supplie's

| £0.40 | PSU-DCPLUG2/SOCKET | | |
|---|---|---|---|
| | 43p | 45p | 53p |
| Gold | Silver | Bronze | Copper |

**PSU socket & plug adaptor**
For use with all 12 or 24 volt in line, desktop or plug top power supplies. Saves having to cut the socket off power supplies. Positive and negitive mark for positive centre power supplies.

**1 to 4 way DC Plug adaptor, 40cm**
Allows 4 camera's to be connected to one in line power supply such as PSU-IL2AMP

| £1.33 | PSU-4WADP | | |
|---|---|---|---|
| | £1.45 | £1.50 | £1.75 |
| Gold | Silver | Bronze | Copper |

**1 to 8 way DC Plug adaptor, 40cm**
Allows 8 camera's to be connected to one in line power supply such as PSU-IL-5AMP

| £1.68 | PSU-8WADP | | |
|---|---|---|---|
| | £1.83 | £1.90 | £2.22 |
| Gold | Silver | Bronze | Copper |

**24 Volts AC 2Amp in line power supply**
24 Volts AC 2 Amp in line power supply with 3 pin UK plug. Unregulated output suitable for powering speed dome cameras, red lights. With short circuit and overload protection.

**12Volts 1Amp inline power supply**
1 Amp 12 Volts DC in line regulated power supply with moulded 3 pin plug. Switch mode technology type & jack plug with centre postive pin.

**Note:** This item will be discontinued on current stock is exhausted

| £4.43 | PSU-IL1AMP12V | | |
|---|---|---|---|
| | £4.83 | £5 | £5.83 |
| Gold | Silver | Bronze | Copper |

**12V 2 Amp Inline desk style power supply**
2 Amp 12 Volts DC in line regulated power supply with moulded 3 pin plug. Switch mode technology type & jack plug with centre postive pin.

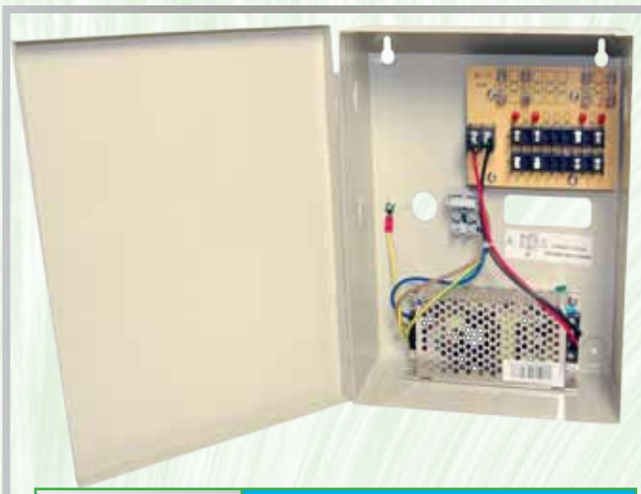
| £6.20 | PSU-IL2AMP12V | | |
|---|---|---|---|
| | £6.76 | £7 | £8.17 |
| Gold | Silver | Bronze | Copper |

**12 Volts 5 Amp In-line desk style power supply**
5 Amp 12 Volts DC in line regulated power supply with moulded 3 pin plug. Switch mode technology type & jack plug with centre postive pin.

| £7.97 | PSU-IL5AMP12V | | |
|---|---|---|---|
| | £8.69 | £9 | £10.50 |
| Gold | Silver | Bronze | Copper |

| £12 | PSU-IL2AMP24VAC | | |
|---|---|---|---|
| | £13.08 | £13.54 | £15.80 |
| Gold | Silver | Bronze | Copper |

# Power supplie's



| £20 | PSU-12V5A4W | | |
|---|---|---|---|
| | £21.79 | £22.57 | £26.33 |
| Gold | Silver | Bronze | Copper |

**12 Volts DC 5Amp 4 way boxed power supply**
4way, 5 Amp 12 volts DC central CCTV regulated power supply. LED output indications & glass type 1 Amp for each output*. Fuses can be up rated to 2 Amp for each output as long as total load does not exceed 5 Amps.

**Note:** This item will be discontinued on current stock is exhausted

| £22 | PSU-5A9W12V | | |
|---|---|---|---|
| | £23.97 | £24.83 | £28.97 |
| Gold | Silver | Bronze | Copper |

**12 volt DC 5Amp 9 way boxed power supply.**
9 way, 5 Amp 12 volts DC central CCTV regulated power supply. LED output indications & thermal fused @ 1.1 Amp for each output*. Fuses can be up rated to 1.1 Amp for each output as long as total load does not exceed 5 Amps.

| £32 | PSU-12V10A18W | | |
|---|---|---|---|
| | £34.87 | £36.11 | £42.13 |
| Gold | Silver | Bronze | Copper |

**12 volts DC 10 Amp 18 way boxed power supply.**
12 volts DC , 10 Amp ,16 way central CCTV regulated power supply. LED output indications & thermal fused @ 1.1 Amp for each output. Metal case finished in cream powder coating and hinged lid.

**24 Volt AC to 12DC adaptor**
20 ~28 Volts AC input to 12 Volts DC convertor. Maximum current load 1.5 Amps

| £4.43 | PSU-ADP24-12V | | |
|---|---|---|---|
| | £4.83 | £5 | £5.83 |
| Gold | Silver | Bronze | Copper |

**24 volts 18Amp**
18way rack mount power supply
24 volts AC , 18 Amp ,16 way, 19ins rack mountable CCTV power supply. LED output indications & self resetting thermal fused @ 1.1 Amp for each output.

| £49 | PSU-RM24V18A-18P | | |
|---|---|---|---|
| | £53.39 | £55.30 | £64.52 |
| Gold | Silver | Bronze | Copper |

# Brackets

**3 axis LCD wall bracket**

Metal VESA standard LCD monitor wall bracket. Suitable for monitors weighing upto 15 kg.fits screen size 15 to 26 ins. Two pivot points allows easy adjustment of monitor angle.75mm or 100mm VESA fitting. Provides a standoff distance of 100mm max from vertical wall.

| £7.09 | LCD-BKT009 | | |
|---|---|---|---|
| | £7.72 | £8 | £9.33 |
| Gold | Silver | Bronze | Copper |

**long aram LCD monitor bracket**

Metal VESA standard LCD monitor wall bracket suitable for 10ins to 24ins monior sizes with a maximum load capacity of 15Kg. 50mm, 75mm and 100mm VESA fitting and finished in silver.
Sits 100mm from vertical surface ( max) with 180 degress X adjustment, 15 degress Y/Z angle adjustment

| £9.75 | LCD-BKT023 | | |
|---|---|---|---|
| | £10.62 | £11 | £12 |
| Gold | Silver | Bronze | Copper |

Ceiling Bracket for LCD monitors
Adjustable metal CCTV LCD monitor bracket suitable for monitors weighing up to 40kg. Adjustable length from 510mm to 765mm with cable feed through. Meets VESA 75mm & 100mm standard.

| £28 | LCD-WB4 | | |
|---|---|---|---|
| | £30.51 | £31.60 | £36.87 |
| Gold | Silver | Bronze | Copper |

- 22& 27ins wide screen
- HDMI, VGA & DVI inputs
- Full 1080P resolution
- High contrast LED's
- slim thin design
- Very low energy consumption.
- Sound monitor socket.

| £102 | MON-IPS224V-PN | | |
|---|---|---|---|
| | £111.14 | £115.11 | £134.40 |
| Gold | Silver | Bronze | Copper |

| £195 | MON-IPS277L-PN | | |
|---|---|---|---|
| | £212.48 | £220.27 | £256.75 |
| Gold | Silver | Bronze | Copper |

- 17 ins 4:3 format screen
- 2 x BNC input
- VGA input
- Edge 10 manufactured

| £120 | MON-C172 | | |
|---|---|---|---|
| | £130.76 | £135.43 | £158 |
| Gold | Silver | Bronze | Copper |

- 17 ins 4:3 format screen
- VGA input
- Audio input
- Glass front
- Edge 10 manufactured

| £85 | MON-T171B | | |
|---|---|---|---|
| | £92.62 | £95.93 | £111.92 |
| Gold | Silver | Bronze | Copper |

# Video balun's

| £35 | TP-2016R | | |
|---|---|---|---|
| | £38.14 | £39.50 | £46.08 |
| Gold | Silver | Bronze | Copper |

16 Channel passive rackmount transciever
19ins 1U rack mounting transciever ( transmitter - reciever) with 16 passive inputs or 16 outputs (BNC) for use with any passive or active video baluns. Allows 16 channels of video to be sent over 4 CAT5 cable. No external PSU required.

8 Channel passive balun with screw & RJ45
8 x BNC inputs or outputs to two RJ45 or 8 x terminal connections. Converts up to 8 video signals to be carried over 2 x CAT5. Easy to unplug each in/output which allows you to locate and earthing problems which are a nightmare for 3 phase work. Maximum range for colour signal is 300metres. No power required.

| £13 | TP-2044TR8 | | |
|---|---|---|---|
| | £14.17 | £14.67 | £17.12 |
| Gold | Silver | Bronze | Copper |

4 Channel passive balun with screw & RJ45
4 x BNC inputs or outputs to one RJ45 or 4 x terminal connections. Converts up to 4 video signals to be carried over CAT5. Easy to unplug each in/output which allows you to locate and earthing problems which are a nightmare for 3 phase work. Maximum range for colour signal is 300metres. No power required.

| £7.09 | TP-2044TR-4 | | |
|---|---|---|---|
| | £7.72 | £8 | £9.33 |
| Gold | Silver | Bronze | Copper |

**4 Ch passive balun with screw & RJ45 & FLY**
4 x BNC on flylead inputs or outputs to one RJ45 or 4 x terminal connections. Converts up to 4 video signals to be carried over CAT5. Easy to unplug each in/output which allows you to locate and earthing problems which are a nightmare for 3 phase work. Maximum range for colour signal is 300metres. No power required.

| £7.97 | TP-204AL | | |
|---|---|---|---|
| | £8.69 | £9 | £10.50 |
| Gold | Silver | Bronze | Copper |

| £1.77 | TP-202T/R | | |
|---|---|---|---|
| | £1.93 | £2 | £2.33 |
| Gold | Silver | Bronze | Copper |

Micro Video Balun Pack of 2
1 Channel passive video transceiver. Used to carry CCTV video Signals over UTP cable ( CAT5) without the need for a power supply. Sold in packs of 2.
Can be fitted directly to DVR's as each unit is the width of a BNC connector.

| £2.22 | TP-202F | | |
|---|---|---|---|
| | £2.41 | £2.50 | £2.33 |
| Gold | Silver | Bronze | Copper |

# Video balun's

| £15 | TP-208AL | | |
|---|---|---|---|
| | 316.34 | £16.93 | £19.75 |
| Gold | Silver | Bronze | Copper |

**8 Ch passive balun with screw & RJ45 & FLY**

8 x BNC on flylead inputs or outputs to one RJ45 or 4 x terminal connections. Converts up to 4 video signals to be carried over CAT5. Easy to unplug each in/output which allows you to locate and earthing problems which are a nightmare for 3 phase work. Maximum range for colour signal is 300metres. No power required.

**VGA over UTP/ CAT5**

No need for bulky VGA cable as the simple yet effective pair of VGA plugs allow monitor signals to be sent over CAT5 to a maximum distance of 30m . No power required.

| £4.43 | TP-VGA-UTP | | |
|---|---|---|---|
| | £4.83 | £5 | £5.83 |
| Gold | Silver | Bronze | Copper |

2 IN 1 ground loop isolator & video balun

2 in 1 ground loop isolator ( humbug ) and passive video balun. Can be used on CAT5 cable or RG59 to isolate the ground ( -Ve) to prevent ground loop effect caused by main interface. Filters noise in image transmissions & isolates ground independently. Built in transient voltage suppression.

| £7.97 | TP-CONGB001A | | |
|---|---|---|---|
| | £8.69 | £9 | £10.50 |
| Gold | Silver | Bronze | Copper |

RJ45 to screw connection convertor

Coverts RJ45 Ethernet socket to terminals allowing cable testing or where no terminal are available

| £1.33 | TP-CON-V | | |
|---|---|---|---|
| | £1.45 | £1.50 | £1.75 |
| Gold | Silver | Bronze | Copper |

Kit to allow you to extend your USB connection up to 90ft over a CAT5 / CAT5e / CAT6 cable.

- Self powered - no external power required
- Uses standard CAT5 / CAT5e / CAT6 cable.
- Transmission distance up to 90ft
- Ideal for mouse extension for CCTV DVR's.
- No drivers required, just plug in and use.

| £14 | TP-USBUTP | | |
|---|---|---|---|
| | £15.26 | £15.50 | £18.43 |
| Gold | Silver | Bronze | Copper |

# Video balun's

1 Ch active video balun RECIEVER , ground lifting

Single channel active ( powered) reciever with one BNC output and screw terminal for video input.

It has ground lifting circuit ( ground loop isolation) which makes it ideal for use on 3 phase premises. Requires 24VAC power supply for best results to provide ground lifting or can be used with 12VDC - no ground lifting.

| £14 | TP-213AR | | |
|---|---|---|---|
| | £15.26 | £15 | £17.50 |
| Gold | Silver | Bronze | Copper |

Single channel PASSIVE video balun

Single channel PASSIVE reciever with one BNC input and screw terminal for video output. Ideal for use with TP-213AR unit above.

| £8.86 | TP-213AT | | |
|---|---|---|---|
| | £9.66 | £10 | £11.67 |
| Gold | Silver | Bronze | Copper |

| £17 | TP-1CHSMART | | |
|---|---|---|---|
| | £18.52 | £19.19 | £22.38 |
| Gold | Silver | Bronze | Copper |

Single channel Smart core ACTIVE video baluns Fully Automatic Active Video Receiver, Color video up to 1000m or 1600m ,built in TVS for surge protection.

- Color video up to 3000ft(1000m) with passive transceiver via UTP cat5e/6 cable
- Color video up to 1Mile(1600m) with active receiver via UTP cat5e/6 cable
- Push-in pin terminal connection for UTP cat5e/6 cable
- Built-in TVS for surge protection, high quality.
- Lightning protection design Grade:III
- Wave Filter Design, Anti-Static Design
- Exceptional interference rejection 50 dB cross-talk and noise immunity
- ABS housing.

| £133 | TP-1613-PVD | | |
|---|---|---|---|
| | £144.92 | £150.10 | £175.12 |
| Gold | Silver | Bronze | Copper |

16ch passive video/power/date

The TP-1613-PVD is a single unit that consolidates all CCTV system cabling using standard EIA/TIA 568B structured building wiring. Designed for installation in the IDF/Telecom Closet or MDF/Equipment Room, the Power Supply Passive Video Receiver Hub has independently selectable 24VAC-OFF-28VAC outputs that can support at-distance camera loads up to 1 Amp per channel. Use with TP-226C-PVD transceivers for cable runs under 225m (750ft). individually floating output.

**Note:** This item will be discontinued on current stock is exhausted

# Video balun's

| £26 | TP-R8004 | | |
|---|---|---|---|
| | £28.33 | £29.34 | £34.23 |
| Gold | Silver | Bronze | Copper |

4 channel active video balan receiver with ground lifting4-channel active (amplified) Video Receiver that allows the transmission of real-time monochrome or colour video on up to 1 mile (1,6km) using Cat5 Unshielded Twisted-Pair (UTP). The reciever provides signal conditioning in the form of ground lifting, distance equalisation and transient protection

| £54 | TP-R8008 | | |
|---|---|---|---|
| | £58.84 | £60.94 | £71.10 |
| Gold | Silver | Bronze | Copper |

8 channel active video balan receiver with ground lifting 8-channel active (amplified) 1U RACK-MOUNT hub that allows the transmission of real time monochrome or colour video for distances up to 600m(2,000ft) using Category 5 or better unshielded twisted-pair (UTP) wire. The receiver hub continuously and automatically conditions the video signal, compensating for cable attenuation, ground loops, and voltage transients, independent of video signal content

The TP-215-PVD is a single channel unit which

combines all CCTV system cabling using s( CAT 5) structured cabling. For use with our PVD units at camera end to carry power and video signal upto 230m.

| £3.54 | TP-215PVD | | |
|---|---|---|---|
| | £3.86 | £4 | £4.67 |
| Gold | Silver | Bronze | Copper |

| £88 | TP-R8016 | | |
|---|---|---|---|
| | £95.89 | £99.31 | £115.87 |
| Gold | Silver | Bronze | Copper |

16 Channel active rackmount receiver
19ins 1U rack mountable 16 channel active reciever with 2 BNC outputs per channel. Can be used with any passive or active video baluns. 240Volts AC operation. RJ45 connections for video input and 2 BNC's per output.

| £54 | TP-1610AR | | |
|---|---|---|---|
| | £58.84 | £60.94 | £71.10 |
| Gold | Silver | Bronze | Copper |

16 Channel active rackmount receiver
19ins 1U rack mountable 16 channel active reciever with 2 BNC outputs per channel. Can be used with any passive or active video baluns. 240Volts AC operation. RJ45 connections for video input and 2 BNC's per output.

For use with our PVD units to convert the 24/28V output to 12VDC thereby eliminating any voltage drop over long distance which is common on CAT5 cable. Also carries DATA & Video signals. for use at camera side. Supports up coaxial data upto 225m

| £14 | TP-226C-PVD | | |
|---|---|---|---|
| | £15.26 | £15.50 | £18.43 |
| Gold | Silver | Bronze | Copper |

# Connector's

BNC Crimp 3 part
3 part BNC crimp for use with RG59 coaxial and RG59 shotgun cable.

| 22p | CON-3PARTBNC | | |
|---|---|---|---|
| | 24p | 25p | 29p |
| Gold | Silver | Bronze | Copper |

High quality MACHINED BNC with copper pin
High quality machined BNC male RG59 Crimp connectors are precision engineered with multiple design features that maintain 75 ohm impedance,

| 44p | CON-BNCPRO | | |
|---|---|---|---|
| | 48 | 50 | 58p |
| Gold | Silver | Bronze | Copper |

BNC to phono adaptor plug
BNC socket to PHONO plug adaptor. Most commonly used when connecting TV to DVR monitor output.

| 28p | CON-BNCPHONO | | |
|---|---|---|---|
| | 31p | 32p | 38p |
| Gold | Silver | Bronze | Copper |

BNC Coupler
High grade BNC coupler for joining two BNC crimp's together.

| 28p | CON-BNCCOUP | | |
|---|---|---|---|
| | 31p | 32p | 38p |
| Gold | Silver | Bronze | Copper |

BNC Female to PHONO male plug adaptor,

| 28p | CON-PHONOBNC | | |
|---|---|---|---|
| | 31p | 32p | 38p |
| Gold | Silver | Bronze | Copper |

BNC Tee
High grade BNC tee for splitting camera or monitor signal into two.

| 28p | CON-BNCT | | |
|---|---|---|---|
| | 31p | 32p | 38p |
| Gold | Silver | Bronze | Copper |

Goal Post T connector
Goal Post T for use in confined space such as backs of DVR's & multiplexers. Copper conductor.

| £1.77 | CON-GOAL-T | | |
|---|---|---|---|
| | £1.93 | £2 | £2.33 |
| Gold | Silver | Bronze | Copper |

BNC twist on connector
BNC twist on connector for use with RG59 cable.
No need to buy any crimp tools!
This simple yet effective twist on

| £1.77 | CON-BNCTWIST | | |
|---|---|---|---|
| | £1.93 | £2 | £2.33 |
| Gold | Silver | Bronze | Copper |

RJ45 crimp connectors Pk10
RJ45 crimp for CAT5 network cables. Supplied in packs of 10

| £0.89 | CON-RJ45-CRIMP | | |
|---|---|---|---|
| | 97p | £1 | £1.17 |
| Gold | Silver | Bronze | Copper |

Phono to SCART converter

to allow CCTV signal to be displayed on television where no separate video input is availiable.

| £1.77 | CON-SCART | | |
|---|---|---|---|
| | 1.93 | £2 | £2.33 |
| Gold | Silver | Bronze | Copper |

# Cable's

## HDMI cables

| £2.66 | CAB-HDMI3M (3m) | | |
|---|---|---|---|
| | £2.90 | £3 | £3.50 |
| Gold | Silver | Bronze | Copper |

| £8.86 | CAB-HDMI10M ( 10m) | | |
|---|---|---|---|
| | £9.66 | £10 | £11.67 |
| Gold | Silver | Bronze | Copper |

| £27 | CAB-HDMI20M (20m) | | |
|---|---|---|---|
| | £29.42 | £30.47 | £35.55 |
| Gold | Silver | Bronze | Copper |

## VGA cables

| £2.66 | CAB-1MVGA (1m) | | |
|---|---|---|---|
| | £2.90 | £3 | £3.50 |
| Gold | Silver | Bronze | Copper |

| £8.86 | CAB-10MVGA ( 10m) | | |
|---|---|---|---|
| | £9.66 | £10 | £11.67 |
| Gold | Silver | Bronze | Copper |

| £18 | CAB-20MVGA ( 20M) | | |
|---|---|---|---|
| | £19.61 | £20.31 | £23.70 |
| Gold | Silver | Bronze | Copper |

**BNC male coax to BNC male Coax, 1m**

1 metre RG59 flylead for CCTv use. BNC to BNC plug.

| £1.33 | CAB-1M-BNC | | |
|---|---|---|---|
| | £1.45 | £1.50 | £1.75 |
| Gold | Silver | Bronze | Copper |

Shotgun cable clips PK100

| £1.33 | CAB-SHOTCLIPS | | |
|---|---|---|---|
| | £1.45 | £1.50 | £1.75 |
| Gold | Silver | Bronze | Copper |

**RG59 Pro 100m Shotgun coaxial cable**

Combined RG59 and a pair of low voltage cable in a figure of 8. Formation better know as shotgun. 95% braid coverage makes this ideal for very long bale runs. Supplied on 100m wooden rolls for professional installers.

| £25.70 | CAB-RG59-SHOT-PRO | | |
|---|---|---|---|
| | £28 | £29 | £33.83 |
| Gold | Silver | Bronze | Copper |

cat 5 302M

| £31.01 | CAB-CAT5ECO | | |
|---|---|---|---|
| | £33.79 | £35 | £40.83 |
| Gold | Silver | Bronze | Copper |

**RG59 coaxial cable in 100m roll**

| £31.01 | CAB-CAT5ECO | | |
|---|---|---|---|
| | £33.79 | £35 | £40.83 |
| Gold | Silver | Bronze | Copper |

**10/20 & 30M RG59 plus 2 for power ready made CCTV cable.**

| £3.54 | CAB-10READY (10m) | | |
|---|---|---|---|
| | £3.86 | £4 | £4.67 |
| Gold | Silver | Bronze | Copper |

| £5.53 | CAB-20READY ( 10m) | | |
|---|---|---|---|
| | £5.79 | £6 | £7 |
| Gold | Silver | Bronze | Copper |

| £7.09 | CAB-30READY (30m) | | |
|---|---|---|---|
| | £7.72 | £8 | £9.33 |
| Gold | Silver | Bronze | Copper |

# Tool's

**CCTV Engineers test monitor 2.5ins**
High grade 2.5ins CCTV.PTZ,CAT5, colour bar signal generator and test monitor complete with carrying case. Rechargeable battery provides up to 11 hours use on 4 hour recharge.Complete with accessories

| £78.86 | TOO-TMON2 | | |
|---|---|---|---|
| | £85.93 | £89 | £103.83 |
| Gold | Silver | Bronze | Copper |

**CCTV Engineers test monitor 3.5ins**
High grade 3.5ins CCTV.PTZ,CAT5, colour bar signal generator and test monitor complete with carrying case. Rechargeable battery provides up to 11 hours use on 4 hour recharge.Complete with accessories. 12 volts output for camera testing, ruggedized holster.
Audio input and 12VDC 1amp output for camera testing Complete with accessorie

| £124 | TOO-TMON4 | | |
|---|---|---|---|
| | £135.12 | £139.94 | £163.27 |
| Gold | Silver | Bronze | Copper |

**CCTV Engineers test monitor with multi meter 3.5ins**
High grade 3.5ins CCTV.PTZ,CAT5, colour bar signal generator and test monitor with multi meter ,complete with carrying case. Rechargeable battery provides up to 11 hours use on 4 hour recharge.Complete with accessories. 12 volts output for camera testing, ruggedized holster.
Multi meter , Audio input and 12VDC 1amp output for camera testing Complete with accessories

| £140 | TOO-TMON5 | | |
|---|---|---|---|
| | £152.55 | £158 | £189 |
| Gold | Silver | Bronze | Copper |

| £7.09 | TOO-RJ45CRIMP | | |
|---|---|---|---|
| | £7.72 | £8 | £9.33 |
| Gold | Silver | Bronze | Copper |

| £2.66 | TOO-STRIPPER | | |
|---|---|---|---|
| | £2.90 | £3 | £3.50 |
| Gold | Silver | Bronze | Copper |

| £6.20 | TOO-BNCCRIMPTOOL | | |
|---|---|---|---|
| | £6.76 | £7 | £8.17 |
| Gold | Silver | Bronze | Copper |

# Lighting

IR Illuminator, 60m, 60 degrees, DC12V, IP66, 850nm
4pc, 2 Watt high power infrared LEDs provide a range of 60 metres at an angle of 60 degrees which is equivalent to 4mm on a 1/3ins CCD camera. Builtin photo sensor automatically turns on light at dusk. 12Volts DC operation.

| £53 | ILL-60M60D-12V | | |
|---|---|---|---|
| | £57.75 | £59.81 | £69.78 |
| Gold | Silver | Bronze | Copper |

IR Illuminator, 60m, 60 degrees, DC24VAC, IP66, 850nm
4pc, 2 Watt high power infrared LEDs provide a range of 60 metres at an angle of 60 degrees which is equivalent to 4mm on a 1/3ins CCD camera. Builtin photo sensor automatically turns on light at dusk. 24Volts AC operation.

| £53 | ILL-60M60D-24V | | |
|---|---|---|---|
| | £57.75 | £59.81 | £69.78 |
| Gold | Silver | Bronze | Copper |

IR Illuminator, 45m, 90 degrees, DC12V, IP66, 850nm
4pc, 2 Watt high power infrared LEDs provide a range of 45 metres at an angle of 90 degrees which is equivalent to 2.8mm on a 1/3ins CCD camera ( WIDE ANGLE). Builtin photo sensor automatically turns on light at dusk. 12Volts DC operation.

| £53 | ILL-45M90D-12V | | |
|---|---|---|---|
| | £57.75 | £59.81 | £69.78 |
| Gold | Silver | Bronze | Copper |

**IR Illuminator, 45m, 90 degrees, DC24V, IP66, 850nm**
4pc, 2 Watt high power infrared LEDs provide a range of 45 metres at an angle of 90 degrees which is equivalent to 2.8mm on a 1/3ins CCD camera ( WIDE ANGLE). Builtin photo sensor automatically turns on light at dusk. 24Volts AC operation

| £53 | ILL-45M90D-24V | | |
|---|---|---|---|
| | £57.75 | £59.81 | £69.78 |
| Gold | Silver | Bronze | Copper |

**IR Illuminator 200M at 15degress angle 12volts**
198 infrared LED's each measuring 10mm in diameter provide a range of up to 200 metres at an angle of 15 degrees which is equivalent to 30mm on a 1/3ins camera.Built in photo sensor automatically turns on light at dusk. 12 volts DC operation.

| £43 | ILL-20015 | | |
|---|---|---|---|
| | £46.86 | £48.53 | £56.62 |
| Gold | Silver | Bronze | Copper |

# Lighting

## 240 Volts AC version

Energy efficient LED ( light emitting diode) flood lights available with or without PIR ( passive infred red) detector which allows light to turn on automatically when light levels fall. Adjustable timer from 10 Seconds to 8 minutes.

| £12.41 | LED-240V10W | | |
|---|---|---|---|
| | £13.52 | £14 | £16.33 |
| Gold | Silver | Bronze | Copper |

| £25.70 | LED-240V10WPIR | | |
|---|---|---|---|
| | £28 | £29 | £33.83 |
| Gold | Silver | Bronze | Copper |

10 watts cool white LED light. 240VAC operation , 160 degree angle and approx 800 lumens which is equivalent to approx 80 watt halogen light. PIR sensor is optional.

*10 Watts*

| £25.70 | LED-240V20W | | |
|---|---|---|---|
| | £28 | £29 | £33.83 |
| Gold | Silver | Bronze | Copper |

| £43.42 | LED-240V20WPIR | | |
|---|---|---|---|
| | £47.31 | £49 | £57.17 |
| Gold | Silver | Bronze | Copper |

20 watts cool white LED light. 240VAC operation , 160 degree angle and approx 1600 lumens which is equivalent to approx 160 watt halogen light. PIR sensor is optional.

*20 W[illegible]*

| £36.33 | LED-240V30W | | |
|---|---|---|---|
| | £39.59 | £41 | £47.83 |
| Gold | Silver | Bronze | Copper |

| £57.59 | LED-240V30WPIR | | |
|---|---|---|---|
| | £62.76 | £65 | £75.83 |
| Gold | Silver | Bronze | Copper |

30 watts cool white LED light. 240VAC operation , 160 degree angle and approx 2400 lumens which is equivalent to approx 270 watt halogen light. PIR sensor is optional extra.

*30 Watts*

| £51.39 | LED-240V50W | | |
|---|---|---|---|
| | £56 | £58 | £67.67 |
| Gold | Silver | Bronze | Copper |

| £70 | LED-240V50WPIR | | |
|---|---|---|---|
| | £76.28 | £79 | £92.17 |
| Gold | Silver | Bronze | Copper |

50 watts cool white LED light. 240VAC operation, 160 degree angle and approx 4000 lumens which is equivalent to approx 400 watt halogen light. PIR sensor is optional extra.

*50 Watts*

Hidden colour camera in a PIR detector housing with Sony Super HAD II 1/3ins CCD delivering 700 TV lines. 0.01 lux sensitivity & built in audio microphone. Adjustable wall/ceiling bracket included.

| £39 | COV-5EF-PIR | | |
|---|---|---|---|
| | £42.48 | £44 | £51.33 |
| Gold | Silver | Bronze | Copper |

**SONY SHAD 1/3" 420TVL covert smoke camera**

Hidden colour camera in a smoke detector housing with Sony Super HAD 1/3ins CCD delivering 420 TV lines. 0.5 lux sensitivity & built in audio microphone. Adjustable side view angle.

**Note:** This item will be discontinued on current stock is exhausted

| £16.84 | COV-5EF-412DS | | |
|---|---|---|---|
| | £18.34 | £19 | £22.17 |
| Gold | Silver | Bronze | Copper |

Audio microphone 12 volts
12 volts 3 wire operation audio microphone. Adjustable gain for indoor use. Size: 49 x 75 x 22m

| £4.43 | COM-MIC | | |
|---|---|---|---|
| | £4.83 | £5 | £5.83 |
| Gold | Silver | Bronze | Copper |

## *Price match on - ( or beat )*

- DVR's
- Cameras
- Power supplies
- Video baluns
- CCTV Test monitors.

Written proof of current price may be required , UK mainland suppliers only. ( excludes retail customers)

*Save £££££'s*

**Loyalty Club**

Customer who buy from us on a regular basis will automatically be offered a discount, This is called the loyalty club price list.

Regular - those customers who spend at least £1,000 per month for 3 consecutive months.

# Effio E/P information

The effio-E range of Digital Signal ( DSP) Processing chips from Sony produces images at a high resolution of 976 x 582 pixels which is above D1. Coupled with other advanced features, this new arrival may be a tough act to follow, taking performance & cost into account.

All our effio-e range of camera's include on screen display ( OSD) that allow camera options to be selected using the display. As well as the functions illustrated in the examples to the right, there are many more options as listed below. The camera's are supplied with all settings set for general use but can be adjusted for almost any environment.

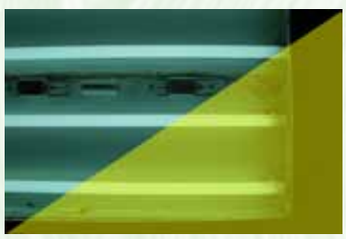
DWDR - Digital wide dynamic range.
ANTI CR - Anti colour roll
HLC - high light compensation
2DNR - 2D digital noise reduction
ATR- Adaptive tone reproduction
MASK - Privacy masking zones

***effio-p***
In addition tot he above feature, the effio-p offer the following
SWDR- super wide dynamic range.
AI - Auto iris lens
IS- Image stabiliser
2D & 2D dititial noise reduction
Extreme low operation

digital noise reduction

Digital wide dynamic

Smart IR



Anti colour roll

Digital image stabiliser